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EISA HP Adapter Driver Software Version 2.3 for HP-UX Version 9.09 BLS, Release Note

Supplement to DOC-EISAHPUM1 (Document Number 78-1276-01)

Introduction

This release note describes the caveats of the CDDI/FDDI EISA HP Adapter Driver Software Version 2.3 for HP-UX Software Version 9.09 B-level security (BLS) *only*. Refer to the *Workgroup CDDI/FDDI EISA HP Adapter User Guide* for detailed information about the CDDI/FDDI EISA HP Adapters. Before installing this version of adapter software you should be familiar with the additional security features provided by the HP-UX Version 9.09 software. Before continuing, familiarize yourself with the following documents supplied by Hewlett-Packard:

- *Network Security Administration Guide*
- *Readme 1st and release notes associated with HP-UX Version 9.09*
- *Installing and Administering a Secure LAN*

Product Overview

The Copper Distributed Data Interface (CDDI) and Fiber Distributed Data Interface (FDDI) Extended Industry Standard Architecture (EISA) Hewlett-Packard (HP) adapters provide a single attachment or dual attachment connection for HP Apollo 9000 Series 700 workstations that is fully compliant with Station Management (SMT) Revision 6.2 or 7.3. Refer to the chapter "Product Overview" in the *Workgroup CDDI/FDDI EISA HP Adapter User Guide* for further explanations of product features and functions.

Caveats

The following steps are required to install the EISA HP Adapter Driver Software, Version 2.3, for use with HP-UX Version 9.09 with B-level Security. These steps are in addition to the procedures described in the chapter “Installing the Workgroup EISA HP Adapter Software” in the *Workgroup CDDI/FDDI EISA HP Adapter User Guide*. The steps require manually modifying the following files:

- /etc/netlinkrc
- /etc/hosts
- /etc/secnetrc
- /tcb/files
- /tcb/files/M6IDB
- /tcb/files/M6RHDB

Step 1 Run the EISA HP adapter installation script, **install.fddi**, described in the chapter “Installing the Workgroup EISA HP Adapter Software” in the section “EISA HP Adapter Software Driver Installation” in the *Workgroup CDDI/FDDI EISA HP Adapter User Guide*.

Step 2 Modify the /etc/netlinkrc file by manually substituting the host names, added by the install.fddi script, with the IP addresses.

Step 3 Modify the /etc/netlinkrc file by manually substituting the host names added by the install.fddi script with the IP addresses in all route statements.

Step 4 Add all entries in the /etc/hosts file to the secure database files located in the /tcb/files directory. These files can be modified using the X Windows based program Xnsoi or manually. For complete details, see the following HP document:

- *Network Security Administrator's Guide*, “Appendix C”
- *Installing and Administering a Secure LAN*

Step 5 Modify the /tcb/files/M6IDB file manually. This file keeps the database of all network interfaces configured in the system.

Add an entry for lan1, for example FDDI in this file, to configure FDDI interface. Edit the /tcb/files/M6IDB file and copy all entries from **lan0** and change the copied entry to **lan1**.

Note The Ethernet interface is lan0 and lan1 is the FDDI interface.

If you have more than one FDDI interface, you have to create a new entry for each interface in the file. See “Appendix C” in the *HP Network Security Administrator's Guide* for complete details.

Step 6 Modify the /tcb/files/M6RHDB file manually. This file keeps the list of all IP addresses you want to communicate with and their access and rights to use this system. If no IP address is added to the /tcb/files/M6RHDB file for a host you need to communicate with, the system will not allow communication with that IP address or host even if your network is up and running.

You must add all IP addresses in your /etc/hosts file to the /tcb/files/M6RHDB file. See Appendix C in HP's *Network Security Administrator's Guide* for more details.

Step 7 Modify the `/etc/secnetrc` file. This file starts the secured network interface and loads the entries from the previously modified `/tcb/files/M6RHDB` file and others into the system. It executes the command `m6ctl -u` to load or update the database.

Note The `/etc/secnetrc` file does not update the host database. You must add these entries manually for each hostname in the `/etc/hosts` file. The `m6ctl -hostname` line of the `/etc/secnetrc` file will only load the entries of hostnames whose IP addresses have been defined in `/tcb/files/M6RHDB` database file.

Step 8 Open the `/etc/secnetrc` file, move the cursor to the end of the file, and after the last line, “`m6ctl -u,`” add a line **`m6ctl -hostname`** for each host in the `/etc/hosts`.

For example, if the `/etc/hosts` file has the IP addresses and hostnames in the following example:

```
192.1.1.1    hiro myhost
192.1.1.2    mira
192.1.1.3    sora
192.1.1.4    roma
```

The `/etc/secnetrc` file should have the following entries:

```
m6ctl -hhiro
m6ctl -hmira
m6ctl -hsora
m6ctl -hroma
```

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This document is to be used in conjunction with the *Workgroup CDDI/FDDI EISA HP Adapter User Guide* publication.

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